

WOW !! My Students are Collaborating Via Video Conferencing

Dr. Susan A. Lancaster
FETC Session 556

<http://www.susanlancaster.net>

12:30 pm - 1:25 pm
Wednesday, February 2, 2011

Interactive Video Conferences



1. Are you looking for engaging activities?
2. Do you want to create an authentic audience?
3. Are you interested in forming collaborative partnerships?
4. Do you want your students to ask real questions to real experts ?
5. Do you want your students to meet and ask questions of real authors ?



NETS Teacher Standards

1. Facilitate and Inspire Student Learning and Creativity
2. Design and Develop Digital-Age Learning Experiences and Assessment
3. Model Digital-Age Work and Learning
4. Promote and Model Digital Citizenship and Responsibility
5. Engage in Professional Growth and Leadership

NETS Student Standards

1. Creativity and Innovation
2. Communication and Collaboration
3. Research and Information Fluency
4. Critical Thinking, Problem Solving, and Decision Making
5. Digital Citizenship
6. Technology Operations and Concepts

What Can We See With Interactive Video Conferencing?



[Eclipse Telescope](http://www.exploratorium.edu/eclipse/2008/)

<http://www.exploratorium.edu/eclipse/2008/>

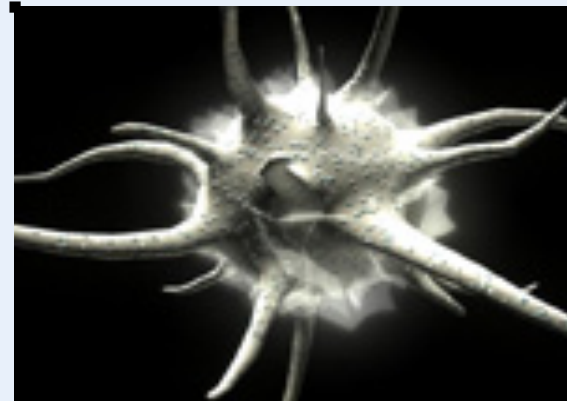
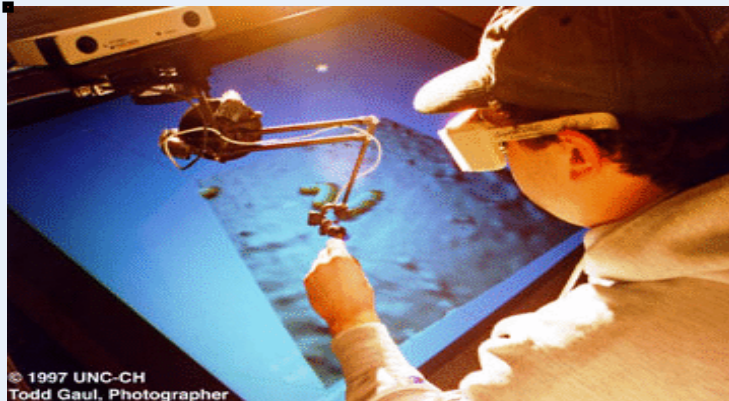
What Can We Hear With Interactive Video Conferencing?

Manhattan School of Music faculty Mark Oswald's Voice



<http://www.youtube.com/watch?v=ZoOZRvWuY58>

What Can We Learn With Interactive Videoconferencing? **Everything!**



WEG—STLP Collaboration

<http://i2.ky.gov/educators/>



MegaDeaf Conference

<http://i2.ky.gov/educators/>





Where in Kentucky?

<http://i2.ky.gov/educators/>



Why Interactive Video Conferencing?

1. Do you want your students to learn more?
2. Want to make new contacts?
3. Want to meet international collaborative partners?
4. Want to have some fun?



February 24, 2011

- Megaconference Jr., now in its 8th year, is a project designed to give students in elementary through secondary schools around the world the opportunity to communicate, collaborate and contribute to each other's learning in real time.
- Megaconference Jr. is open to K-20 classrooms all around the world.
- It is designed to be "student-driven" thus we encourage students to do the planning and presenting on their own, with support from their teachers to help them through the process.

Megaconference Jr.

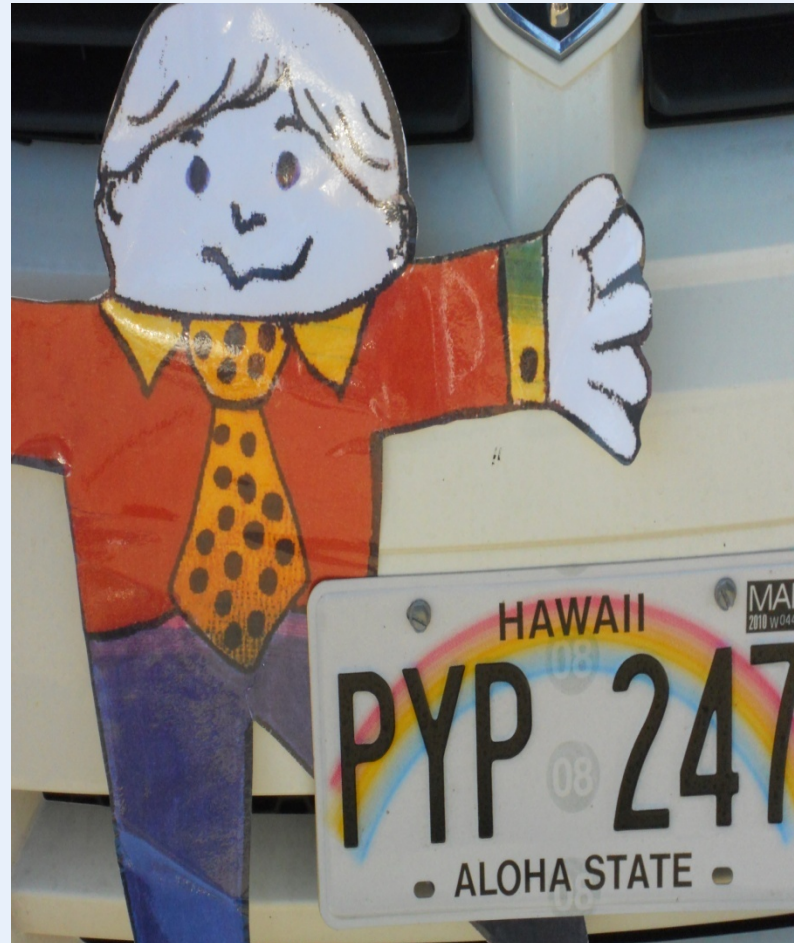


- Student-led international Megaconference
- Focus on Language, Culture, Regional Issues
- International Distributed Teams of students in program content, developing partnerships, and technical support
- 16 countries, 30 states participated, hundreds of schools

www.megaconferencejr.org

Flat Stanley

- Incorporate the story book of Flat Stanley, a young man's travels
- Classes collaborate using Social Studies themes of location, movement, cultural events, etc.
- Classes participate in video conferences on these themes



alex's *virtual* lemonade stand project

- 2 week fundraiser/awareness event for Alex's Lemonade
- Project is co-developed with Alex's Lemonade and Lower Merion School District
- Kick-Off Videoconference Spirit Rally
- Culminating Videoconference Project Sharing
- A variety of curriculum-related special projects

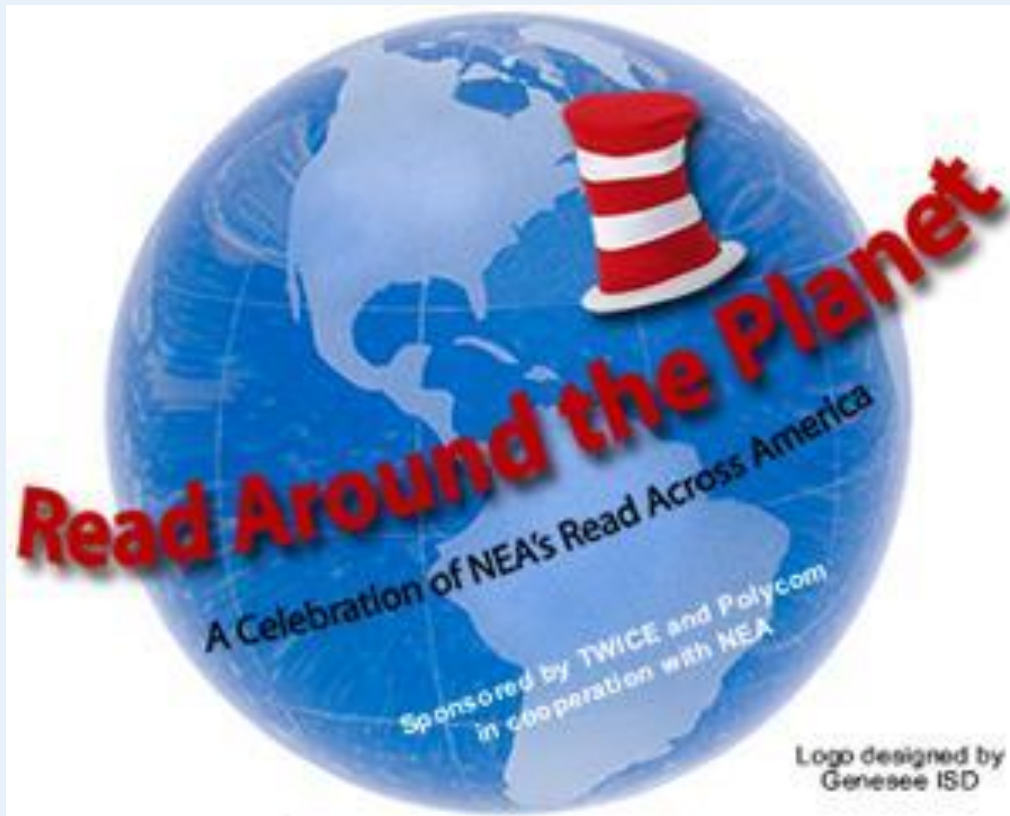


<http://www.magni.net/programs/alexslimonade.html>

Read Around the Planet

<http://projects.twice.cc/?l=event&eventid=285>

Happy Birthday,
Dr. Seuss



TWICE Collaborations

<http://projects.twice.cc/>



**Collaborations
Around the Planet**

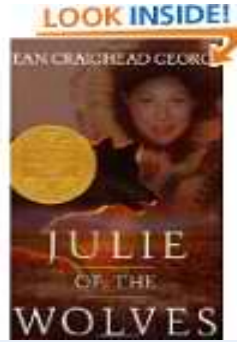
CAPspace, a portal for videoconference projects

TWO WAY INTERACTIVE CONNECTIONS IN EDUCATION



Where Do You Want to Go Today?

- A collaborative videoconference project gives you and your students an opportunity to learn with another school or classroom.
- **CAPspace** is a social networking tool for educational videoconferencing. There are currently 8436 educators from 34 countries registered with CAPspace
- **Login** to find colleagues and schools interested in collaborative videoconference (H.323 and H.320) projects.
- Create and advertise your own collaborative videoconference projects to educators around the world. CAPspace also provides registration for collaborative events and projects such as TWICE's Read Around the Planet.



ASK

<http://www.twice.cc/ASK/index.html>

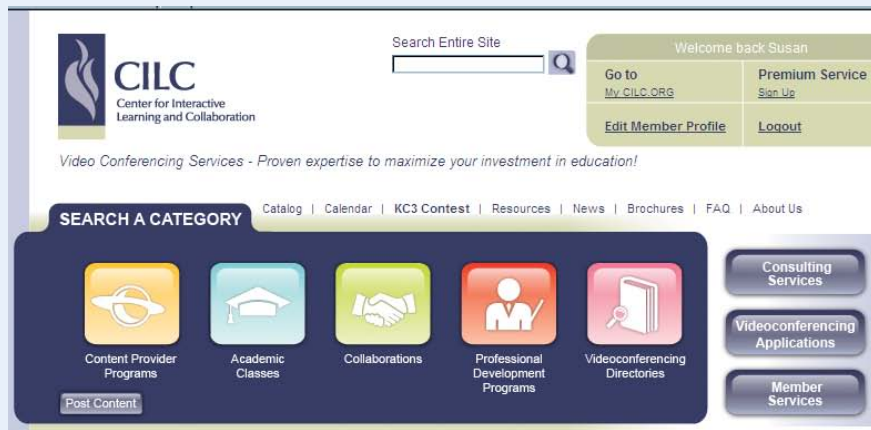
- March 14-15 ASK Author: *Scrambled States* with author/illustrator Laurie Keller
- March 29 ASK Specialist: *Julie of the Wolves* with the Buffalo Zoo
- April 19 ASK Author: *Old Cricket* with Lisa Wheeler

CILC

www.cilc.org

Center for Interactive Learning and Collaboration

- Content Broker for All content areas
- Database to sort by content, partner, cost
- Collaboration postings
- [Content Providers](http://www.cilc.org)



CILC Content Providers

http://www.cilc.org/pdfs/content_providers.pdf

A list of nearly 200 content providers offering over 1,200 programs.



CILC

Center for Interactive
Learning and Collaboration



Photo courtesy of Space Center Houston


Content Providers on CILC.org


ACT Out Ensemble
Adler Planetarium and Astronomy Museum
Adora Svitak
Adventures In Medicine & Science (AIMS) Program of
Saint Louis University
AGM-College Advisors
Alaska Sealife Center


Cooperating School Districts New Links to New Learning
Cook Children's Medical Center
COSI Columbus
Cranbrook Institute of Science
Create Great Health
Denver Museum of Nature & Science
Discovery Center of Springfield


CILC Collaborations


http://www.cilc.org/c/community/collaboration_center.aspx


 Content Provider Programs


 Academic Classes


 Collaborations

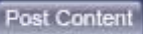
 Professional Development Programs

 Videoconferencing Directories

 Consulting Services



 Videoconferencing Applications

 Member Services

 Post Content


Home > Collaborations

Collaborations

Text Size:  

The CILC Collaboration Center is the venue for educators to meet, create a collaborative project, and share their reflections. Search current and past collaborations or post your own collaboration.


CURRENT Collaborations:

Keyword: 

OR [View all Collaborations](#)

OR [View all Collaborations from Educators Outside of the U.S.](#)

PAST Collaborations:

Keyword: 

OR [View all Past Collaborations](#)

[Tips for Searching](#)



Post Collaborations:

[Post your own collaboration](#) idea or need.

Collaboration Results:

[View CILC's results on student projects](#)

[View Collaboration Reflections](#)

RSS Feeds:  New Collaborations,  Past Collaborations/Reflections

CILC Kids Creating Community Content (KC3) Contest

http://www.cilc.org/pdfs/KC3_Flyer.pdf

Now in its fourth year TANDBERG and CILC have partnered on this engaging project featuring middle and high teams researching, developing and presenting community content through various technologies and connecting classes world-wide through videoconferencing.



Kids Creating Community Content (KC3) Contest



COSI

www.cosi.org

<http://www.cosi.org/educators/videoconferencing/>

event facility rental | press room¹² | volunteer & employment

visit learn share join donate about shop

academic content standards
after-school programs
camp-in & overnights
camp COSI
classroom & online activities
early childhood education
field trips
homeschool workshops
mentoring programs
outreach programs
professional development
teacher e-news
videoconferencing
in depth: autopsy
surgical suite
weather watch
gadget works

Science delivered at the **SPEED** of **LIGHT**!

What is Videoconferencing?

Science Delivered at the Speed of Light

Videoconferencing connects your students with scientists, doctors, and experts in their fields with a LIVE interactive two-way experience with your school or from COSI.

With COSI's Videoconferencing Programs, You Can...

- Give your students a surgeon's-eye view of a live knee replacement procedure.
- Have your class view a tape of an actual autopsy narrated by a forensic pathologist.
- Discuss cutting edge research with professionals in science, math.

Awards:

2010 Teachers' Award Winner

PLATINUM 2009 Award Winner
United States Distance Learning Association

event facility rental | press room¹² | volunteer & employment

visit learn share join donate about shop

after-school programs
camp-in & overnights
camp COSI
classroom & online activities
early childhood education
field trips
homeschool workshops
mentoring programs
outreach programs
professional development
teacher e-news
videoconferencing
in depth: autopsy
surgical suite
weather watch
gadget works
experts schedule
videoconference training

Surgical Suite: Total Knee Replacement

Grade 6 through Adults

Online reservations for the 2010-2011 school year are now open!

Make a Program Reservation Online¹²

To reserve seats at COSI, please call the COSI Call Center at 614.228.2674.

Surgical Suite: Total Knee Replacement is a powerful learning experience for students and adults that lets you ask questions and interact via videoconference with surgeons and medical personnel in a real hospital operating room.

COSI's Surgical Suite Total Knee Replacement program

PLAY

PLATINUM 2009 Award Winner
United States Distance Learning Association

America's Biggest Bedtime Story


<http://www.bookitprogram.com/bedtimestory/>



2/15/2011

READ Now with Taylor Swift

<http://www.scholastic.com/readeveryday/readnowcontest.htm>

 SCHOLASTIC
Read Every Day. Lead a Better Life.


Teachers ▾ | Parents ▾ | Kids ▾ | Administrator ▾ | Librarians ▾ | More ▾

Sign In | Your Account

SEARCH

A Scholastic 90th Anniversary Literacy Event

**READ
NOW!** *WITH*
TAYLOR SWIFT
HOSTED BY NICK CANNON



SCHOLASTIC
READ
Every Day
Lead a Better
LIFE

**A LIVE CLASSROOM EVENT
ABOUT THE POWER OF BOOKS & READING**

WEDNESDAY, OCTOBER 27, 2010 | 1:00pm ET / 10:00am PT

The READ NOW! WITH TAYLOR SWIFT Essay Contest has

Content Providers

- National Park Service
 - Everglades National Park
 - Biscayne National Park
- NASA
 - Careers in STEM
 - Solids, Liquids and Gases
- Cleveland Museum of Art
- Manhattan School of Music

Everglades National Park

<http://www.nps.gov/ever/forteachers/distancelearningopportunities.htm>



- **Reptiles and Amphibians of Everglades National Park**
Teachers are invited to have their students explore all things scaly and slithery in our online e-field trip. Students will have the opportunity to view an interactive slide presentation showcasing some of our most intriguing residents. They'll even have the chance to e-mail questions to our rangers! Simply [click here](#) to register-- the program is absolutely **free**!

Biscayne National Park

<http://www.nps.gov/bisc/forteachers/distancelearningopportunities.htm>



- Biscayne National Park is a great place to come on a field trip or to explore on your own, but not everyone lives close enough to get to the park. So what's the next-best thing? How about a virtual visit? There are two electronic field trips available:

- [**Wreck Ashore! Electronic Field Trip**](#)
- Join underwater archaeologist and park ranger Brenda to explore Biscayne's shipwreck heritage. Where were the ships coming from? What were they carrying?

Why are there so many shipwrecks in the park? You'll discover the answers to these questions and more in this interactive experience. [**Click here to get started!**](#)



- [**Underwater Ecosystem Adventure Electronic Field Trip**](#)

Ranger Maria guides you on an exploration of mangroves, seagrasses and coral reefs in this virtual underwater adventure. Discover the park's four primary ecosystems, how they are related, and why they are important to people.

[**Teacher materials**](#) are available for this experience. [**Click here to get started!**](#)

- [**Junior Ranger! Electronic Field Trip**](#)

Accompany Biscayne National Park visitors Penny and Ryan as they embark on a journey to become Junior Rangers. Follow them on a scavenger hunt, an exploration of the mangroves, and a trip to the coral reef. This virtual field trip was created in cooperation with WPBT's Channel 2 KidVision VPK program

National Park Locations

- [Badlands National Park](#), SD
- [Biscayne National Park](#), FL
- [Black Canyon Of The Gunnison National Park](#), CO
- [Brown v. Board Of Education National Historic Site](#), KS
- [Carl Sandburg Home National Historic Site](#), NC
- [Central High School National Historic Site](#), AR
- [Chamizal National Memorial](#), TX
- [Curecanti National Recreation Area](#), CO
- [Death Valley National Park](#), CA,NV
- [Ellis Island National Monument](#), NJ,NY
- [Everglades National Park](#), FL
- [Gateway National Recreation Area](#), NY,NJ
- [Grand Canyon National Park](#), AZ
- [Great Smoky Mountains National Park](#), NC,TN
- [Homestead National Monument of America](#), NE
- [Hovenweep National Monument](#), CO,UT
- [Independence National Historical Park](#), PA
- [Kenilworth Park & Aquatic Gardens](#), DC
- [Minuteman Missile National Historic Site](#), SD
- [Palo Alto Battlefield National Historical Park](#), TX
- [Sitka National Historical Park](#), AK
- [Stones River National Battlefield](#), TN

NASA Distance Learning Network

<http://www.nasa.gov/home/index.html>

The screenshot shows the NASA website homepage with a dark blue header. The header includes the NASA logo on the left and a navigation bar with links to HOME, NEWS, MISSIONS, MULTIMEDIA, CONNECT, and ABOUT NASA. Below the navigation bar is a search bar and a link to Log In To MyNASA. The main content area features a large image of a thunderstorm with a pinkish-purple glow, and a smaller image of a satellite. The featured article is titled "Fermi Catches Thunderstorms Hurling Antimatter into Space" and describes the detection of beams of antimatter produced above thunderstorms on Earth. The article includes a "Learn More" link and a "View Related Video" link. On the right side of the page is a sidebar with a grid of icons and labels for various NASA topics: SHUTTLE & STATION, MOON AND MARS, SOLAR SYSTEM, UNIVERSE, AERONAUTICS, EARTH, TECHNOLOGY, NASA IN YOUR LIFE, NASA PEOPLE, and NASA HISTORY. At the bottom of the page is a video player with a progress bar and a play button.

NASA

HOME NEWS MISSIONS MULTIMEDIA CONNECT ABOUT NASA

Log In To MyNASA | Sign Up

Search

For Public | For Educators | For Students | For Media | For Policymakers | For Employees | MyNASA

Send Share

NASA Events: Oregon Students Talk With Space Station Astronauts, Wednesday, Jan 19, 12:15 EST

Fermi Catches Thunderstorms Hurling Antimatter into Space

Scientists using NASA's Fermi Gamma-ray Space Telescope have detected beams of antimatter produced above thunderstorms on Earth, a phenomenon never seen before.

Learn More | View Related Video

01 02 03 04 05 06 07 08 II

SHUTTLE & STATION

MOON AND MARS

SOLAR SYSTEM

UNIVERSE

AERONAUTICS

EARTH

TECHNOLOGY

NASA IN YOUR LIFE

NASA PEOPLE

NASA HISTORY

NASA Distance Learning Network

<http://www.nasa.gov/offices/education/programs/national/dln/index.html>

The screenshot shows the NASA Digital Learning Network (DLN) website. At the top is the NASA logo and a navigation bar with links: HOME, NEWS, MISSIONS, MULTIMEDIA, CONNECT, and ABOUT NASA. Below the navigation bar is a search bar and a login/sign-up section. The main content area features a large banner for the DLN with the text "NASA Digital Learning Network™" and "A Universe of Possibilities". Below the banner is a "Welcome to NASA's DLN" section with a paragraph of text and a small image of a classroom. To the left of the main content is a sidebar with a "Digital Learning Network (DLN)" section containing links: DLN Home, About DLN, Event Catalog, Special Events, Event Guidelines, DLInfo Channel, Technical FAQ, 5E Teaching Model, Tools & Plugins, Contact Us, Feedback Forms, and Search Event. Below this is a "DLN User" section with links: Sign In, New User Registration, New School/Org Registration, and Forgot Password. At the bottom of the main content area is a "DLN Announcements" section with the headline "The DLN is bursting with activity!" and a timestamp "Fri, 07 Jan 2011 02:35:09 PM EST".

NASA

HOME NEWS MISSIONS MULTIMEDIA CONNECT ABOUT NASA

Log In To MyNASA | Sign Up

Search

NASA Home > Education > Programs > DLN

Send Share

Digital Learning Network (DLN)

- DLN Home
- About DLN
- Event Catalog
- Special Events
- Event Guidelines
- DLInfo Channel
- Technical FAQ
- 5E Teaching Model
- Tools & Plugins
- Contact Us
- Feedback Forms
- Search Event

DLN User

- > Sign In
- > New User Registration
- > New School/Org Registration
- > Forgot Password

NASA Digital Learning Network™

DLN sites: Ames, Dryden, Glenn, Goddard, JPL, Johnson, Kennedy, Langley, Marshall, Stennis

A Universe of Possibilities

Welcome to NASA's DLN

Through distance learning technologies like videoconferencing and webcasting, the DLN connects students and teachers with NASA experts and education specialists. You will find numerous modules in our Event Catalog for all grade levels. DLN events feature science, technology, engineering, and mathematics or STEM content that highlights NASA missions and research. All of our events are free. Register for interactive events listed in our catalog or watch our webcasts listed below.

DLN Announcements


The DLN is bursting with activity!

Fri, 07 Jan 2011 02:35:09 PM EST





JASON

<http://www.jason.org>



JASON Science
Education through Exploration


 SEA RESEARCH FOUNDATION

 NATIONAL GEOGRAPHIC

[Home](#) [About JASON](#) [Curriculum](#) [Training](#) [Reviews](#) [Store](#)

JASON Mission Center Login
username:
password:
[Register](#) [Help](#) [Log On](#)

JASON Project / Immersion Educators Conference



Robert Ballard
Anderson and Clark Scripps
The JASON Project


Education through Exploration

Get Connected with Scientists and Researchers
Leesburg, Virginia, June 24 - 26 2011

[learn more and register now »](#)


Register to Access All of JASON's Content for FREE!

[Click Here](#)




What is JASON?


Upcoming JASON Curriculum



Featured Opportunity



Schedule Training Today!




Cleveland Museum of Art

<http://www.clevelandart.org/learn/distance%20learning.aspx>

THE CLEVELAND MUSEUM OF ART / learn / distance learning

Set a course for



Know before you go

rates, schedule, and connections

Lion on the Watch (detail), about 1885. Jean-Léon Gérôme (French, 1824–1904). Oil on wood panel; 72.3 x 100.5 cm. Gift of Mrs. F. W. Gehring in memory of her husband, F. W. Gehring 1945.25

Close X

Elementary Lessons

Lessons are arranged alphabetically.

- Elementary Lessons
- Contact Us
- Print
- Share

Rock and Roll Hall of Fame

<http://rockhall.com>



Rock and Roll Hall of Fame
Educational programs
which bring popular
culture into the
classrooms for
grades 4-12.



Pro Football Hall of Fame

<http://www.profootballhof.com/education/>

Educational Outreach Program

The Pro Football Hall of Fame's Educational Outreach Program aims to integrate the pro football story and museum experience with classroom studies. It is through this creative programming that the Hall of Fame's educational assets are provided to students across North America. These educational programs are designed to strengthen core curricular areas such as: the Arts, Geography, Health, History, Language Arts, Math and Science.



Field Trips



Videoconferencing



Teacher
Activity Guides

National Baseball Hall of Fame

<http://baseballhall.org/education/school-programs/videoconferences>



NATIONAL BASEBALL
CLUBHOUSE
HALL OF FAME

SEARCH



BECOME A MEMBER

CONNECT WITH US

CONNECT WITH OTHERS

SUPPORT US

EVENTS & ACTIVITIES

DONATE

Home

Contact Us

Login

My Account

BHOF Store

Hall of Fame Website



June 20, 2010

Team Feller outlasted Team Killebrew
9-0 on Father's Day at Doubleday Field

Manhattan School of Music

<http://dl.msmnyc.edu/>

HOME

ABOUT US

FOR MSM STUDENTS

VIDEO ARCHIVE

CONTACT US

WWW.MSMNYC.EDU

M DISTANCE LEARNING @ MANHATTAN SCHOOL OF MUSIC

THE GLOBAL CONSERVATORY

K-12 & COMMUNITY PROGRAMS

REGISTER



Manhattan School of Music is a leading provider of distance learning programs



MAGPI

<http://www.magpi.org>

MAGPI

They have access to more than **100 MAGPI-produced interactive video programs** each year. Students and teachers take advantage of multimedia files and learning objects through **digital library repositories**, create their own **virtual words** and use **remote scientific instruments** - - all without leaving their classrooms. K12 schools on the MAGPI network participate in **interactive video** exchanges in real-time - - with their students' peers, content providers or experts from anywhere in the world.

.

- K12 students and teachers are creating unprecedented opportunities for inquiry-based learning by expanding the geographic boundaries of their classrooms - - virtually and cost effectively

The Virtual School @ Vanderbilt University

<http://www.vanderbilt.edu/virtualschool/index.htm>



The screenshot displays the website's header with the title "THE VIRTUAL SCHOOL @ VANDERBILT UNIVERSITY" in a large, distressed red font. To the right is a photograph of a path through autumn foliage. Below the header is a red banner with the text "Connecting K-12 Students to the World, One Videoconference at a Time". The left sidebar contains a "VirtualSchool" logo and a menu with links: "Home", "About Us", "Meet Us", and "Contact Us". Below this is a "Videoconferences" section with a "View Our Catalog" link. The main content area features two large promotional tiles. The first tile, titled "Black History Month", shows four hands of different skin tones (white, light brown, dark brown, and patterned) reaching towards the center. The second tile, titled "Witnesses and Voices of the Holocaust", includes a black and white photograph of a group of people, including children, walking down a street during the Holocaust.

THE VIRTUAL SCHOOL @ VANDERBILT UNIVERSITY

Connecting K-12 Students to the World, One Videoconference at a Time

VirtualSchool

- Home
- About Us
- Meet Us
- Contact Us

Videoconferences

- View Our Catalog

Black History Month

Witnesses and Voices of the Holocaust

Global Nomads

<http://www.gng.org/home.html>

Global Nomads Group
creates education
programs and media
about global issues for
youth.

Using interactive
technologies young
people from around the
world learn about and
discuss the global issues
that affect their lives.



QUESTIONS? COMMENTS?

Dr. Susan A. Lancaster

susanalancaster@gmail.com

Suggestions for Success Interactive for Video Conferencing

1. Technical testing, testing, testing
2. Interactivity
3. Content and Objectives
4. Preparation

Planning a Videoconference

**Notify all participants
of the date, time and
duration of the
conference.**



Planning a Videoconference

**Determine the
correct time and
time zone
information
to avoid
conflicts**



Planning a Videoconference

**Make sure everyone
has
the tools to
successfully
participate in the
videoconference.**



Planning a Videoconference

In advance, conference participants should participate in a technical test.



Planning a Videoconference

**In advance, provide
any printed
materials or
documents
needed.**



Prepare The Room - Quiet on the set!

Participants should prepare his/her space to minimize interruptions such as phones, messaging devices and/or interruptions from co-workers.



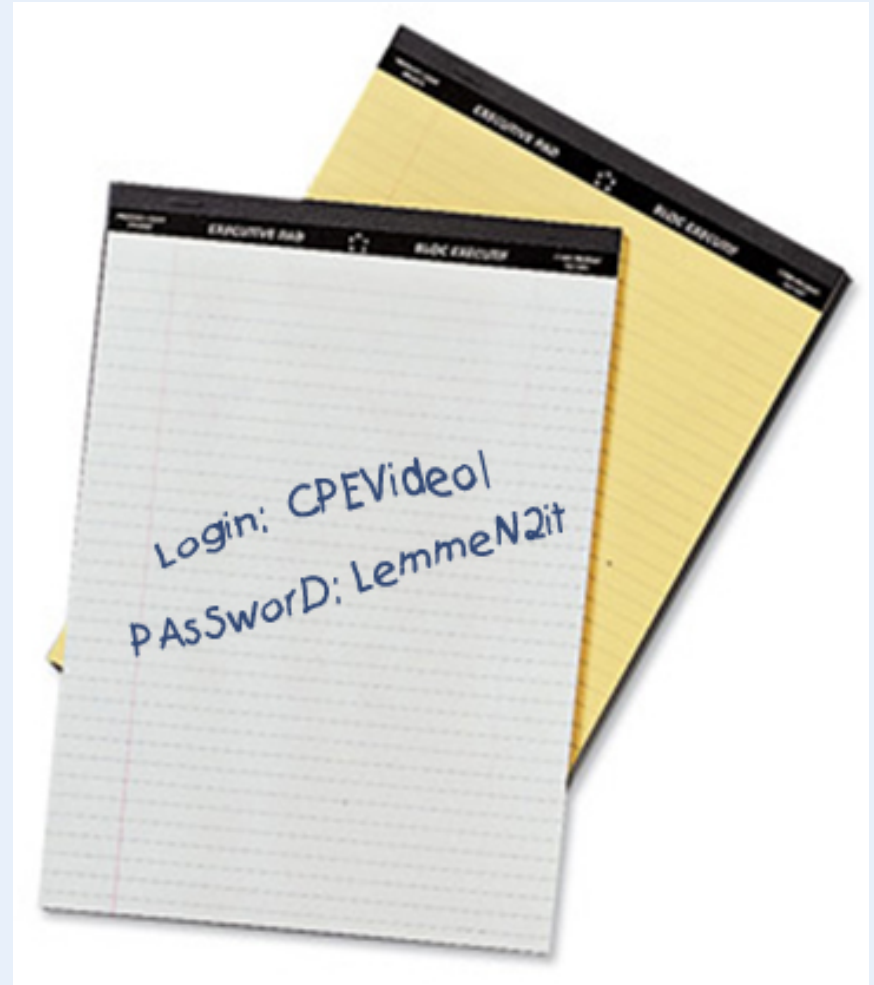
Prepare The Room - Quiet on the set!

- Turn off your cell phone.
- Turn off your desk phone
- Turn off and put away other devices that might beep, buzz, or burst into song.



Planning a Videoconference

**In advance,
provide any login
information or
conference codes to
attendees.**

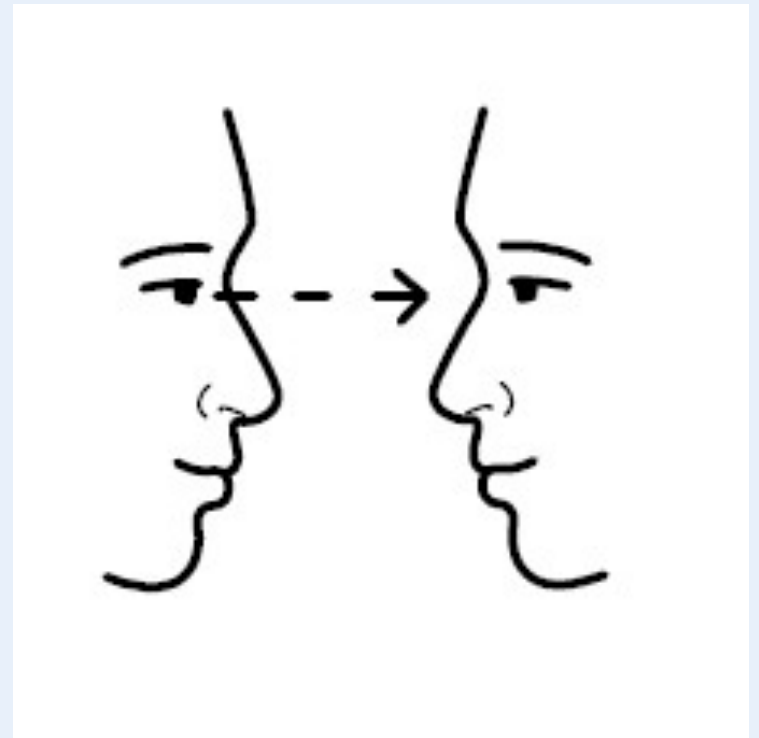


Tips for Communicating on Camera

Eye Contact

While speaking, make eye contact with the camera throughout the session.

When reading, look up every 5-10 seconds, to look at the camera.



Tips for Communicating on Camera

Speaking

Speak a little bit louder and a lot slower than you normally would do with a friend.

Practice speaking along with a news anchor while watching television.



Tips for Communicating on Camera

Speaking

**Mute your microphone
when you are not
speaking.**

**Remember to un-mute, when
you speak.**



Tips for Communicating on Camera

Identify Yourself

Consider posting an introductory slide to welcome and/or educate and update your attendees while they are joining your event.



QUESTIONS? COMMENTS?

Dr. Susan A. Lancaster

susanalancaster@gmail.com